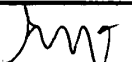


Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 03424P056	Application Number: New Patent Application
Title: APPARATUS INCORPORATING SMALL- FEATURE-SIZE AND LARGE-FEATURE-SIZE COMPONENTS AND METHOD FOR MAKING SAME	First Named Inventor: Glenn Gengel	
	Filing Date: Herewith	Page 1 of 2

U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
JG		6,282,407	B1	Vega et al.	08/28/2001	
		6,275,681	B1	Vega et al.	08/14/2001	
		6,265,977	B1	Vega et al.	07/24/2001	
		6,252,508	B1	Vega et al.	06/26/2001	
		6,236,316	B1	Eberhardt et al.	05/22/2001	
		6,229,442	B1	Rolin et al.	05/08/2001	
		6,147,605		Vega et al.	11/14/2000	
		6,134,130		Connell et al.	10/17/2000	
		6,133,833		Sidlauskas et al.	10/17/2000	
		6,122,492		Sears	09/19/2000	
		6,107,920		Eberhardt et al.	08/22/2000	
		6,094,173		Nylander	07/25/2000	
		6,094,138		Eberhardt et al.	07/25/2000	

FOREIGN PATENT DOCUMENTS								
Exam. Initial*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 03424P056	Application Number: New Patent Application
Title: APPARATUS INCORPORATING SMALL- FEATURE-SIZE AND LARGE-FEATURE-SIZE COMPONENTS AND METHOD FOR MAKING SAME	First Named Inventor: Glenn Gengel	
	Filing Date: Herewith	Page 2 of 2

U.S. PATENT DOCUMENTS						
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		Number	Kind Code* (If known)			
JG		6,040,773		Vega et al.	03/21/2000	
		5,818,348		Walczak et al.	10/06/1998	
		5,565,846		Geiszler et al.	10/15/1996	
		5,420,757		Eberhardt et al.	05/30/1995	
		5,382,952		Miller	01/17/1995	
		5,382,784		Eberhardt	01/17/1995	
		5,378,880		Eberhardt	01/03/1995	
		5,221,831		Geiszler	06/22/1993	
		5,099,227		Geiszler et al.	03/24/1992	
		4,818,855		Mongeon et al.	04/04/1989	
JG		Des. 378,578		Eberhardt	03/25/1997	
		Des. 353,343		Eberhardt	12/13/1994	
		Des. 343,261		Eberhardt	01/11/1994	

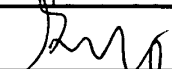
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Exam. Initial*	Cite No.¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office³	Number³	Kind Code³ (If known)				

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)				Attorney Docket No.: 003424.P056		Application Number: 10/056,192	
Page 1 of 3				First Named Inventor: Glenn Gengel, et al.			
				Filing Date: January 23, 2003			
<b>U.S. PATENT DOCUMENTS</b>							
Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number Code <sup>2</sup>	Kind (If known)				
29		4,857,893		Gary T. Carroll	08-15-1989		
		5,444,223		Michael J. Blama	08-22-1995		
		5,528,222		Paul A. Moskowitz, et al.	06-18-1996		
		5,557,470		Atsushi Shibayama	09-17-1996		
		5,754,110		Lawrence Appalucci, et al.	05-19-1998		
		5,779,839		Mark E. Tuttle, et al.	07-14-1998		
		5,904,545		John S. Smith, et al.	05-18-1999		
		5,914,862		Donald H. Ferguson, et al.	06-22-1999		
		5,995,006		Brian J. H. Walsh	11-30-1999		
		6,018,299		Noel H. Eberhardt	01-25-2000		
		6,019,284		Gary A. Freeman, et al.	02-01-2000		
		6,031,450		Tien-Tsai Huang	02-29-2000		
		6,091,332		Noel H. Eberhardt, et al.	07-18-2000		
		6,094,138		Noel H. Eberhardt, et al.	07-25-2000		
		6,100,804		Michael J. Brady, et al.	08-08-2000		
		6,133,835		Dagobert M. De Leeuw, et al.	10-17-2000		
		6,107,920		Noel H. Eberhardt, et al.	08-22-2000		
		6,147,662		Robert E. Grabau, et al.	11-14-2000		
		6,164,551		Richard Altwasser	12-26-2000		
		6,181,287	B1	Michael L. Beigel	01-30-2001		
	6,195,858	B1	Donald H. Ferguson, et al.	03-06-2001			
	6,206,282	B1	Doyle A. Hayes, Sr., et al.	03-27-2001			
	6,246,327	B1	Noel H. Eberhardt	06-12-2001			
29		6,262,692	B1	Susan M. Babb	07-17-2001		
Examiner Signature					Date Considered 10-28-5		

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 003424.P056	Application Number: 10/056,192
Page 3 of 3	First Named Inventor: Glenn Gengel, et al.	
	Filing Date: January 23, 2003	

**OTHER ART - NO PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
		PCT Search Report dated 10/30/02, 7 pages	

**FOREIGN PATENT DOCUMENTS**

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		Office <sup>3</sup> Code <sup>5</sup>	Number <sup>4</sup>	Kind (If known)				
28			EP 0 992 939	A1	Fraunhofer-Gesellschaft Zur	04-12-2000		
			DE 199 29 610	C1	Giescecke & Devrient GMBH	10-12-2000		
			WO 01/33621	A2	Alien Technology Corporation	05-10-2001		
			WO 99/41701	A2	Siemens Aktiengesellschaft	08-19-1999		
			EP 1 014 302	A1	Dai Nippon Printing Co.	06-28-2000		

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		First Named Inventor: Glenn Gengel, et al.				
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JG		5,545,291		John S. Smith, et al.	08-13-1996	

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		Office <sup>3</sup> Code <sup>5</sup>	Number <sup>4</sup>	Kind (If known)				
JG			11353439	A	JP Abstract	12-24-1999		
JG			2001175837	A	JP Abstract	06-29-2001		
JG			WO 02/097724	A1	PCT Publication	12-05-2002		
<b>OTHER ART - NO PATENT LITERATURE DOCUMENTS</b>								
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume- issue number(s), publisher, city and/or country where published						Translation <sup>2</sup>
JG		PCT Search Report Dated 7/1/03, 8 pages.						

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